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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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William N. Schilit

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EXAMINER

KE, PENG

ART UNIT

PAPER NUMBER

2174

MAIL DATE

DELIVERY MODE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/653,305	Applicant(s) SCHILIT ET AL.	
	Examiner SIMON KE	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 16-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 16-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

This action is responsive to communications: Amendment, filed on 6/11/08.

Claims 16-29 are pending in this application. Claims 16 and 27 are independent claims.

In the amendment file in 6/11/08, claims 16 and 18 were amended. and claims 26-29 were added.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 16-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lincke et al. ("Lincke" US Patent No. 6,397,259) in view of Kanevsky ("Kanevsky" US Patent No. 6,300,947).

Regarding independent claim 16, Lincke teaches a method for formatting Web page information for providing to a display, on a mobile device comprising the steps of: initiating access to a Web page data file identified by a URL, access initiated by a user selection of the URL from the mobile device (i.e. compare "HTML Page 144" on Neb Server 140" with "Browser 104" on "Wireless Application 106" in Figure 1 et seq. of Lincke). Lincke does not teach a web page containing links, or extracting and providing links for viewing.

Kanevsky teaches a web page containing both content and links, extracting only the links from the content of the Web page, said extracting performed without receiving further input from

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a user, and providing only the links separately from the content for viewing on the display (i.e. extraction and display of links in FIG. 7. of Kanevsky, figure 13).

It would have been obvious to an artisan at the time of the invention to combine the extraction and display of links of Kanevsky into the formatting of web pages for mobile devices of Lincke. Said artisan would be motivated to combine Kanevsky into Lincke to provide a means by which the user can more conveniently access web page information in smaller electronic devices by filtering and organizing content based on information such as links, allowing the user to view topics and links as desired (i.e. see col. 2 line 1-20 of Kanevsky).

Regarding dependent claim 17, Lincke in combination with Kanevsky teaches the method of claim 16, wherein the step of providing the links separately from the content comprises the steps of determining if more than one of the links identifies a single destination, and if so providing only one of the links identifying the single destination to the display (see Kanevsky, col. 10, lines 35-50).

Regarding dependent claim 18, Lincke in combination with Kanevsky teaches the method of claim 16, wherein the step of providing the links separately from the content comprises the steps of: defining names for links identified by text in the Web page wherein the names are summaries of the identifying text using at least a portion of the identifying text; and defining names for links identified by a non- text image in the Web page by using at least a portion of text in an alternative (ALT) tag for the image if text is provided in an ALT tag associated with the image (i.e. see col. 61line 25 et seq. for table and analysis of use of ALT tag to replace text,

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compare use in Figure 1 et seq. of Lincke and see Kanevsky, col. 10, lines 35-50).

Regarding dependent claim 19, Lincke in combination with Kanevsky teaches the method of claim 18, further comprising the step of defining names for links identified by non-text images in the Web page by using at least a portion of a URL code for the link when no text is provided in the ALT tag for the image (i.e, see col. 61 line 25 et seq. for table and analysis of use of ALT tag to replace text, compare use in Figure 1 et seq. of Lincke and see Kanevsky, col. 10, lines 35-50).

Regarding dependent claim 20, Lincke in combination with Kanevsky teaches the method of claim 18, further comprising the step of defining names for links identified by non-text images in the Web page by using content of documents accessed using the links when no text is provided in the ALT tag for the image (i.e. see col. 61 line 25 et seq. for table and analysis of use of ALT tag to replace text, compare use in Figure 1 et seq. of Lincke and see Kanevsky, col. 10, lines 35-50).

Regarding dependent claim 21, Lincke in combination with Kanesky teaches the method of claim 20, wherein the content of the documents accessed using the link are titles see Kanevsky, col. 10, lines 35-50; see similar extraction and presentation in Figure .1 et seq. of Lincke).

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Regarding dependent claim 22, Lincke in combination with Kanesky teaches the method of claim 18, further comprising the step of defining names for links identified by non-text images in the Web page by using identifications for the links obtained from offsite documents when no text is provided in the ALT tag for the image (i.e. see col. 61 line 25 et seq. for table and analysis of use of ALT tag to replace text, compare use in Figure 1 et seq. of Lincke and see Kanevsky, col. 10, lines 35-50).

Regarding dependent claim 23, Lincke in combination with Kanesky teaches the method of claim 16, wherein the step of providing the links comprises the step of: arranging an order of the links for viewing on the display based on a structure of the Web page (i.e. compare titles for links extracted from webpage and displayed on constrained device in see Kanevsky, col. 10, lines 35-50; see similar extraction and presentation in Figure 1 et seq. of Lincke).

Regarding dependent claim 24, Lincke in combination with Kanesky teaches the method of claim 16, wherein the mobile device consists of one or more of the following: an Internet phone; a personal digital assistant; and a two-way pager (i.e. col. 2 line 55 et seq. of Lincke: "cellular phones, pager systems").

Regarding dependent claim 25, Lincke in combination with Kanesky teaches the method of claim 16, wherein the links are categorized as first links, the method further comprising the steps of: accessing a second Web page data file identified by a second URL, wherein the Web page contains both content and links; extracting the links from the content of the second Web

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page to provide second links; and providing the second links with the first links for viewing on the display (see Kanevsky, col. 10, lines 35-50; see similar extraction and presentation in Figure 1 et seq. of Lincke).

Regarding dependent claim 26, Lincke in combination with Kanesky teaches the method claim 16.

Kanesky further teaches selecting a link; (see Kanesky, col. 15, lines 1-36) and

selecting from a list of context appropriate services displayed on the mobile device, wherein the selected context appropriate service is carried out on the selected link. (see Kanesky, col. 15, lines 1-36)

Regarding independent claim 16, Lincke teaches a method for formatting Web page information for providing to a display, on a mobile device comprising the steps of: initiating access to a Web page data file identified by a URL, access initiated by a user selection of the URL from the mobile device (i.e. compare "HTML Page 144" on Neb Server 140" with "Browser 104" on "Wireless Application 106" in Figure 1 et seq. of Lincke). Lincke does not teach a web page containing links, or extracting and providing extracting one or more telephone number, fax numbers, addresses and email addresses from the Web page;

displaying only the one or more telephone numbers, fax numbers, addresses and email addresses on the mobile device and a name, wherein the name includes a portion of text

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identifying the telephone number, fax number, address and email address;

selecting either a telephone number, fax number, address or email address from the one or more telephone numbers, fax numbers, addresses and email addresses displayed on the mobile device; and

carrying out the context appropriate service on the selected telephone number, fax number, address or email address.

Kanesky teaches a web page containing links, or extracting and providing extracting one or more telephone number, fax numbers, addresses and email addresses from the Web page; (i.e. extraction and display of links in FIG. 7. of Kanevsky, figure 13; URL address is an address).

displaying only the one or more telephone numbers, fax numbers, addresses and email addresses on the mobile device and a name, wherein the name includes a portion of text identifying the telephone number, fax number, address and email address; (i.e. extraction and display of links in FIG. 7. of Kanevsky, figure 13; URL address is an address).

selecting either a telephone number, fax number, address or email address from the one or more telephone numbers, fax numbers, addresses and email addresses displayed on the mobile device; and

carrying out the context appropriate service on the selected telephone number, fax number,

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address or email address. (i.e. extraction and display of links in FIG. 7. of Kanevsky, figure 13; URL address is an address).

It would have been obvious to an artisan at the time of the invention to combine the extraction and display of links of Kanevsky into the formatting of web pages for mobile devices of Lincke. Said artisan would be motivated to combine Kanevsky into Lincke to provide a means by which the user can more conveniently access web page information in smaller electronic devices by filtering and organizing content based on information such as links, allowing the user to view topics and links as desired (i.e. see col. 2 line 1-20 of Kanevsky).

As per claim 28, Lincke and Kanesky teach the method of claim 27. Kanesky teaches wherein said extracting is performed without receiving further input from a user. (see Kanesky figure 13)

As per claim 29, Lincke and Kanesky teach the method of claim 27. Kanesky teaches wherein the context appropriate services are displayed as a list on the mobile device; wherein the context appropriate services are selected from the group consisting of phoning, faxing and emailing the selected telephone number, fax number or email address. (i.e. extraction and display of links in FIG. 7. of Kanevsky, figure 13; URL address is an address).

Response to Arguments

Applicant's arguments filed 6/11/08 have been fully considered but they are not persuasive.

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Applicant's arguments focused on whether Kanevsky teaches providing only the links and defining names for viewing on the display.

Kanevsky teaches the limitation because in its figure 13, Kanesky displays only the webpage links and their descriptions. (see Kanesky, figure 13, col. 15, lines 1-40)

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SIMON KE whose telephone number is (571)272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S. Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Peng Ke
/Peng Ke/
Examiner, Art Unit 2174